



US 20190333166A1

(19) **United States**(12) **Patent Application Publication**
Simpson(10) **Pub. No.: US 2019/0333166 A1**(43) **Pub. Date: Oct. 31, 2019**(54) **RENEWABLE ENERGY COMMUNITY
OBJECTS WITH PRICE-TIME PRIORITY
QUEUES FOR TRANSFORMED
RENEWABLE ENERGY UNITS**(71) Applicant: **Erik M Simpson**, Houston, TX (US)(72) Inventor: **Erik M Simpson**, Houston, TX (US)(21) Appl. No.: **16/357,241**(22) Filed: **Mar. 18, 2019****Related U.S. Application Data**

(63) Continuation-in-part of application No. 16/293,712, filed on Mar. 6, 2019, which is a continuation-in-part of application No. 16/290,278, filed on Mar. 1, 2019, which is a continuation-in-part of application No. 16/274,490, filed on Feb. 13, 2019, which is a continuation-in-part of application No. 16/258,658, filed on Jan. 27, 2019, which is a continuation-in-part of application No. 16/257,032, filed on Jan. 24, 2019, which is a continuation-in-part of application No. 16/242,981, filed on Jan. 8, 2019, which is a continuation-in-part of application No. 16/242,967, filed on Jan. 8, 2019, which is a continuation-in-part of application No. 16/239,485, filed on Jan. 3, 2019, which is a continuation-in-part of application No. 16/183,647,

filed on Nov. 7, 2018, which is a continuation-in-part of application No. 16/167,525, filed on Oct. 22, 2018, which is a continuation-in-part of application No. 15/877,393, filed on Jan. 23, 2018, which is a continuation-in-part of application No. 15/266,326, filed on Sep. 15, 2016, which is a continuation-in-part of application No. 15/484,059, filed on Apr. 10, 2017.

Publication Classification(51) **Int. Cl.**
G06Q 50/06 (2006.01)
G06Q 30/06 (2006.01)
G01C 21/34 (2006.01)(52) **U.S. Cl.**
CPC **G06Q 50/06** (2013.01); **G01C 21/3484**
(2013.01); **G06Q 30/0639** (2013.01)(57) **ABSTRACT**

Implementations of various methods and systems to transform renewable energy units with two waypoints or a destination waypoint or a series sequence of waypoints into community objects which have associated price—time priority queues for transformed renewable energy units. The present disclosed invention relates to combining the concepts of objected oriented programming, market price queues, renewable energy, navigation systems and social networking and transmission as a fungible asset class or renewable energy linked to transmission as an open market.

